



# Sofiane Medjkoune

Distributed AI Master,  
Data Scientist

- Feb 18, 1995
- 10 Rue du Marechal Leclerc, 94410, Saint Maurice
- +33 (0)7 76 05 01 86
- <https://sofianemdj.github.io>
- [sofiane.medjkoune@protonmail.com](mailto:sofiane.medjkoune@protonmail.com)

## Social Network

- <https://www.linkedin.com/in/sofiane-medjkoune-8ba37b140/>
- <https://github.com/sofianeMdj>

## About Me

Data Scientist and holder of an Artificial Intelligence Master's degree, I actively participate in the development of the Artificial Intelligence field. Thus, I invest my time improving my Data Science skills through different projects and activities.

## Skills

Python	● ● ● ● ●
Keras	● ● ● ● ●
Tensorflow	● ● ● ● ●
Data Analysis	● ● ● ● ●
Django	● ● ● ● ●
Java	● ● ● ● ●
C/C++	● ● ● ● ●
SQL	● ● ● ● ●
Git	● ● ● ● ●
Linux	● ● ● ● ●

## Working Experience

- 09/18-07/19 **Internship** LRIA - University of Science and Technology Houari Boumediene  
Development of an End to End Speech recognition development platform for the Modern Standard Arabic Language to be used for multiple Natural language processing tools. To develop such a tool, multiple techniques were used such as : Data Analysis, Deep Learning, Natural Language Processing and Signal Processing.
- 2017 – 2018 **President** Open Minds Club  
Open Minds Club is a scientific club that is known for promoting the sharing and open source spirit through projects, workshops, tutoring sessions and organising events, more about it on : <http://openmindsclub.net/>
- 09/16-07/17 **Internship** LRIA - University of Science and Technology Houari Boumediene  
A semi-automatic semantic web tool that allows its users to enhance existent RDF bases and deduce new relations instantly. One of its applications was detecting diseases and the adequate food diet for it.
- 07/16-08/16 **Internship** : Centre de recherche de l'information scientifique et technique Algiers  
Android App called Cerist SMS router that expects for catastrophes alerts and contact concerned authorities via SMS in case internet network is cut.

## Education

- Currently **Distributed Artificial Intelligence Master** Descartes University, Paris  
Pursuing the Distributed Artificial Intelligence Masters in Paris Descartes University allows me to enhance my skills in Data Science, Distributed Calculation, Multi-Agents Systems, Automated Negotiation, Planification and general artificial intelligence knowledge.
- 2017 – 2019 **Artificial Intelligence Master** USTHB, Algiers  
This master enhances our computer science skills and teach us the important notions of artificial intelligence methods and technologies. Main subjects : Machine Learning, Problem Solving metaheuristics, Agent technologies, Security, Advanced databases, Language Processing, Artificial Vision.
- 2014 – 2017 **Computer Science Bachelor** USTHB, Algiers  
A bachelor in computer science through the following subjects : Maths, algorithms, computer architecture, calculus, Operating systems, databases, IS, Web development, semantic web and project management.
- 2011 – 2014 **Mathematic baccalaureat** Omar Ibn El Khettab High School, Algeria

## Language Certifications

- 2019 **IELTS, English** British Council of Algiers  
Very good level in English. Obtained C1 grade on the IELTS Certification Exam.
- 2018 **DALF, French** French Institute of Algiers  
Very good level in French. Obtained C1 grade on the DALF Certification Exam.

## Extra-Curricular Activities

- Python Former** Training college students on Python language through coding learning sessions, content of the course available at : [https://github.com/sofianeMdj/Python\\_Course](https://github.com/sofianeMdj/Python_Course)
- Event Organizer** Organizing events and managing projects that let me enhance my management skills.
- Hackathons** Participating in hackathons all over the world, meeting new people and learning new techniques.